Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) An antireflective laminate comprising:

a light-transparent base material; and

a low-refractive index layer provided on the light-transparent base material;

wherein said low-refractive index layer is provided directly on a surface of the light-transparent base material or is provided on an outermost surface of one or two or more optional layers provided on the surface of the light-transparent base material;

wherein said low-refractive index layer comprises hydrophobitized fine particles, having an average particle diameter of not less than 5 nm and not more than 300 nm, and a binder; and

wherein a treatment for hydrophobitizing the fine particles is carried out by subjecting the fine particles to a graft treatment with ~~a hydrophobilic polymer~~polydimethylsiloxane having an OH group on both ends thereof.

2. (Previously Presented) The antireflective laminate according to claim 1, wherein said low-refractive index layer comprises a first layer, formed of said fine particles and said binder, and a second layer, formed of said binder alone, provided on the first layer, and which renders smooth an outermost surface of the low-refractive index layer.

3. (Cancelled).

4. (Original) The antireflective laminate according to claim 1, wherein said fine particles are not fully wetted with water.

5. (Original) The antireflective laminate according to claim 1, wherein said binder comprises an ionizing radiation curing resin.

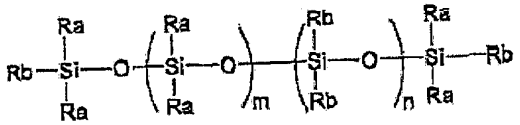
6. (Original) The antireflective laminate according to claim 5, wherein at least one of functional groups contained in said ionizing radiation curing resin is a hydroxyl group.

7. (Original) The antireflective laminate according to claim 1, wherein said low-refractive index layer further comprises a fluorocompound and/or a silicon compound.

8. (Original) The antireflective laminate according to claim 7, wherein said fluorocompound is a compound containing a perfluoroalkyl, perfluoroalkylene, perfluoroalkyl ether, or perfluoroalkenyl group, or a mixture of compounds containing said groups.

9. (Original) The antireflective laminate according to claim 7, wherein said fluorocompound or/and said silicon compound is a compound represented by formula (I):

[Chemical Formula 1]



(I)

wherein

Ra represents an alkyl group having 1 to 20 carbon atoms,

Rb represents an unsubstituted alkyl group having 1 to 20 carbon atoms, or an amino, epoxy, carboxyl, hydroxyl, perfluoroalkyl, perfluoroalkylene or perfluoroalkyl ether group, or an (meth) acryloyl group-substituted alkyl group having 1 to 20 carbon atoms, an alkoxy group having 1 to 3 carbon atoms, or a polyether-modified group,

Ra and Rb may be the same or different,

m is an integer of 0 to 200, and

n is an integer of 0 to 200.

10. (Original) The antireflective laminate according to claim 7, wherein said fluorocompound and/or said silicon compound are represented by formula (II):

$$Rc_kSiX_{4-k} \quad (II)$$

wherein

Rc represents a hydrocarbon group having 3 to 1000 carbon atoms and containing a perfluoroalkyl, perfluoroalkylene, or perfluoroalkyl ether group,

X represents an alkoxy, oxyalkoxy, or halogen group having 1 to 3 carbon atoms, and

k is an integer of 1 to 3.

11. (Original) The antireflective laminate according to claim 1, wherein said low-refractive index layer has a contact angle with water of not less than 90°.

12. (Original) The antireflective laminate according to claim 1, wherein the refractive index of the low-refractive index layer is not more than 1.45.

13. (Original) The antireflective laminate according to claim 1, wherein, in a planar area of 5 μm^2 in the outermost surface of the low-refractive index layer,

the ten-point mean roughness (Rz) is not more than 100 nm, and

the arithmetical mean roughness (Ra) is not less than 1 nm and not more than 30 nm.

14. (Original) The antireflective laminate according to claim 1, wherein a hardcoat layer is further provided as said optional layer.

15. (Original) The antireflective laminate according to claim 14, wherein said

hardcoat layer has a refractive index of not less than 1.57 and not more than 1.70.

16. (Original) The antireflective laminate according to claim 14, wherein said hardcoat layer further comprises an anti-dazzling agent.

17. (Original) The antireflective laminate according to claim 1, wherein

an antistatic layer is further provided as the optional layer, and

said antistatic layer is provided between said light-transparent base material and said low-refractive index layer or said hardcoat layer, or between said hardcoat layer and said low-refractive index layer.

18. (Original) The antireflective laminate according to claim 1, wherein

an anti-dazzling layer is further provided as the optional layer, and

said anti-dazzling layer is provided between said light-transparent base material and said low-refractive index layer or said hardcoat layer.

19. (Original) The antireflective laminate according to claim 1, wherein

one or at least two other refractive index layer is further provided as the optional layer,

said other refractive index layer is formed between said hardcoat layer and said low-refractive index layer,

the refractive index of said other refractive index layer is more than 1.45 and not more than 2.00, and

the thickness of said other refractive index layer is not less than 0.05 μm and not more than 0.15 μm.

20. (Original) The antireflective laminate according to claim 1, wherein at least one layer selected from the group consisting of said low-refractive index layer, said hardcoat layer, said anti-dazzling layer, and said other refractive index layer contains

an antistatic agent.

Claims 21-23. (Cancelled).

24. (Previously Presented) The antireflective laminate according to claim 2, wherein the hydrophobitized fine particles contain voids;

wherein a ratio of a thickness of the first layer of the low-refractive index layer to a thickness of the second layer of the low-refractive index layer is 3:2, 2:1 or 3:1;

wherein the binder contains a monomer having, in one molecule, three or more functional groups that are curable upon exposure to ionizing radiation; and

wherein the thickness of the second layer of the low-refractive index layer is not more than 30 nm.

25. (Previously Presented) The antireflective laminate according to claim 24, wherein the fine particles containing voids are silica fine particles or organic fine particles.